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## IMPLANTABLE CARDIAC STIMULATION DEVICE THAT DEFIBRILLATES THE ATRIA WHILE AVOIDING THE VENTRICULAR VULNERABLE PERIOD AND METHOD

## Abstract of the Disclosure

An implantable cardiac stimulation device applies defibrillating electrical energy to the atria of a heart at a time which avoids inducing ventricular fibrillation of the heart. The device includes an atrial fibrillation detector that detects atrial fibrillation of the heart, a pacing pulse generator that applies a ventricular pacing pulse to the heart responsive to detection of atrial fibrillation, a timer that times a time period through an evoked response and a T-wave caused by the pacing pulse, and a defibrillation pulse generator that applies defibrillating electrical energy to the atria of the heart after the timer completes the timing of the time